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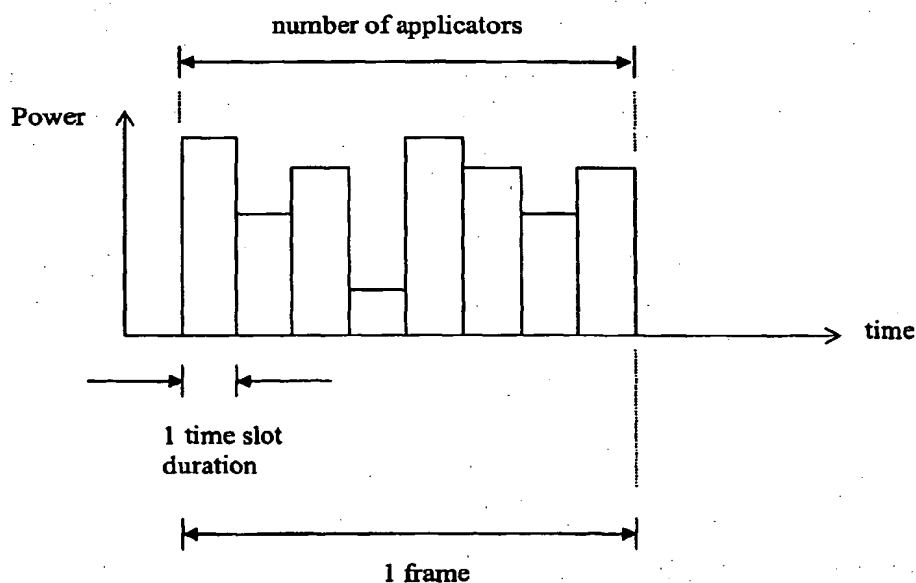
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(54) Title: MICROWAVE HEATING SYSTEM



(57) Abstract: Microwave heating system comprising a plurality of microwave applicators for heating loads arranged in said applicators, a control means, one microwave generator to generate microwave energy having a controllable frequency and power level, and a microwave switch arranged to connect said microwave generator to each of said applicators. Each microwave applicator is dedicated a heating time slot in a time frame, and that said time frame comprises time slots for applicators to be heated. During microwave heating, microwave energy is applied to the microwave applicators in its respective time slot, in consecutive time frames.

WO 2004/054705 A1